

**NASSIF et al**  
**Serial No. Unknown**  
Continuation of Serial No. **09/214,759**

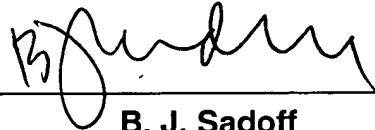
The specification has been amended to include the attached Sequence Listing.  
The attached paper copy of the Sequence Listing is the same as the paper and computer readable copies of the Sequence Listing filed in the parent application Serial No. 09/214,759. No new matter has been added. The Office is requested to use the computer readable form of the Sequence Listing from the parent application Serial No. 09/214,759, for the present application. A separate Request in this regard is attached.

An early and favorable Action on the merits is requested.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_



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0922457-004401  
P04T00-7542660

**MARKED UP SPECIFICATION AND CLAIMS**

Page 6, delete the paragraph spanning lines 4-11, and insert the following therefor:

--The DNAs of the invention are characterized in that they are in all or part genes, with their reading frame, present in *Neisseria meningitidis*, but absent [both] either from *Neisseria gonorrhoeae* and from *Neisseria lactamica*, with the exception of genes involved in the biosynthesis of the polysaccharide capsule, frpA, frpC, opc, por A, rotamase, the sequence IS1106 (Accession No. Z 11857 in the EMBL/GenBank/DDBJ Nucleotide Sequence Data Libraries; see Knight et al., 1992, Molecular Microbiology 6(11): 1565-1573), IgA proteases, pilin, pilC, proteins which bind transferrin and opacity proteins.--

Page 20, delete the paragraph at line 8, and insert the following therefor:

--Reco24, 5' AGCACTCTCCAGCCTCTCACCGAG 3'; (= RBam 24, SEQ ID NO: 55)--.

Page 38, delete the paragraph bridging lines 1-6, and insert the following therefor:

--ORF-1: 1330 to 2970 (SEQ ID No. 37); ORF-2: 3083 to 9025 (SEQ ID No. 38); ORF-3: 9044 to [9472 (SEQ ID No. 39); ORF-4: 10127] 9472 (SEQ ID No. 39); ORF-4: 9620 to 12118 (SEQ ID No. 40); ORF-5: [12118 to 12603 (SEQ ID No. 41)] 12118 to 12603 (SEQ ID No. 42); ORF-6: 12794 to 13063 (SEQ ID No. 43); ORF-7: 13297 to 14235 (SEQ ID No. 44); and ORF-8: 14241 to 15173 (SEQ ID No. 45).--

Page 38, delete the paragraph spanning lines 7-9, and insert the following therefor:

09220457-081404  
Total 2542660

NASSIF et al

Serial No. Unknown

Continuation of Serial No. 09/214,759

--ORF-4 starts with the codon GTG and overlaps a slightly smaller ORF (SEQ ID No. 41) [in the same reading frame (9620-] in the same reading frame (10127 - 12118, frame 2), which starts with the codon ATG.--

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